

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>  
Subject: RE: C-Line questions  
Message-ID: <34652.owen@apollo.eeel.nist.gov>

> In message Wed, 13 Sep 1995 09:05:14 -0500 (CDT),  
> wendler@tomcat (John Wendler) writes:  
>  
>  
>  
>> I have a T4-XC that is exhibiting drift, to the  
>> (mis)tune of ~1KHz over 45 minutes of operation.  
  
>  
> MY T4XC drifts slightly during the course of my traffic net when I'm NCS  
> about 200 cps in an hour. I think 1 KHZ is a little much. However, to  
> get the heat out I have a Rotron Whisper Fan setting over the Finals on  
> top of the cabinet to EXHAUST the hot air. The T4XC runs at almost room  
> temp when the fan is on. Take the whisper fan and put 4 feet on the  
> corner mounting ears (stick on's are fine) and get an inline switch and  
> put it in the power cord. I've used this arrangement for years with  
> great results. If it still drifts too much then you will have to  
> determine if the heat causing it is internal to the VFO or external. If  
> internal then the VFO is not properly temperature Compensated and you  
> would need to do a temp comp. which is time consumming but not hard to do  
> or you can live with it.  
>>  
>> I also have a R-4C that I've only done a little  
>> playing with, but the audio has a fair bit of  
>> hiss and hum. I see that the audio output tube  
>> is near the transformer, so is the hum normal  
  
>>  
>  
> The R4C doesn't have an audio output tube, the AF section is all solid  
> state. However, the power supply is not the best design and some hum  
> leaks through especially after the caps lose a little "C". Mine is only  
> noticeable when using headphones. The hiss in mine comes from the RF & IF  
> stages. If I turn the RF gain down the hiss goes away. The Sherwood  
> mods I'm told are great and make the receiver much better than stock. If  
> you buy all the mods from Sherwood the cost will be about \$125.00 however  
> most if not all of the Sherwood mods have been in "HAMRADIO Mag" but I  
> don't know what years and months. If you can locate the right issues I'm  
> sure you could do the mods for much less than the Sherwood Kit prices.  
> Hope this has helped. 73 Jim K4CGY

>  
James C. Owen, III  
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Bldg 225/B360  
Gaithersburg, MD 20899  
1-301-975-5623

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: "JRUSSELL@LUNDY.NIAGARAC.ON.CA -- JOHN WM RUSSELL"  
<JRUSSELL@LUNDY.NIAGARAC.ON.CA>  
Subject: Neil and his trouble  
Message-ID: <950914090011.2040286d@LUNDY.NIAGARAC.ON.CA>

in the thread Landline Telegraph Circuits, Neil

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: Re. A good shop radio  
Message-ID: <F9DN4415.F9DN4427@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Well, here's my two cents worth.

You've gotta ask just what the radio's gonna be called on to do.

If you're just looking for a WWV source, just about ANY box will do the job.

For anything more than that, a general coveragereceiver with pretty good stability and sensitivity is a must.

At times, it's also handy to have something that can double as a signal tracer in IF circuits, or verify operation of BFOs or conversion oscillators, so to me at least a little long wave coverage is useful, say 200 - 500 KHz.

I'm a classical music fan, so that tells me that FM broadcast coverage is an important feature. It also helps when I'm Bach'ed out, and the local FM Country Western outlet is needed. :-)

Obviously, we're talking about more than one radio.

For me, it's currently a BC-348 and an old European Neckermann consumer set.

If it had a BFO and was a bit more stable on short wave, the Neckermann could do it alone!

73's,

Tom, K9TA

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: Fire Bottle archive handler <firebot1@jackatak.theporch.com>  
Subject: Re: Sherwood/Drake TR-7 Question  
Message-ID: <9509132317.aa28785@jackatak.theporch.com>

First:

What I am about to say is \*NOT\* aimed directly at any one individual.  
I use this exchange merely as an example...

> >First of all I hope you all will excuse my question about a solid state rig,  
> >the TR-7.  
Grrrrrrrr.... ;^) Let us please keep this forum aimed at firebottles  
and the rigs that use them. There are plenty of other forums where  
more modern radios are discussed and where your questions can find  
answers... but try to restrain yourself....

> >However, it is 15 years old and is not a ricebox  
Marginal justification that really doesn't pass muster. The radio is  
NOT tube-based. It is NOT heavy enough to notice when you pick it up.  
And, to list more reasons would be to trample the charter of this  
list...

> >will be considered a borderline question.  
Actually, over the line...

> >3. Does the TR-7 really need a speech processor?  
No.

> It will help out a bit when the going is a bit rough and give your  
> signal a few moe db of "punch", but, like most all speech processors,  
> sounds like hell when overdone...  
Actually, the very best adjustment for the speech processor is off! ;^)  
(From the audio point of view) Timing and listening are far more  
important skills than a few dB of compression... IMHO ;^)

Back on track, gang...

And go easy on the over quoting from posts you respond to: the load  
generated on the mailer is about 36KB for each extra line of text!

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)  
- - - BoatAnchor Mailing List Archiver/Owner - - -  
firebot1@jackatak.theporch.com ----- listown@jackatak.theporch.com

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: rdkeys@unity.ncsu.edu  
Subject: Re: Sounders on Radio CW  
Message-ID: <199509141346.JAA10566@cc05du.unity.ncsu.edu>

> > At least to me the clicking of a relay  
> > or "Sounder" is very hard to desipher.. I get them all confused. I have  
> > enough trouble with International Morse Code, let alone trying to copy  
> > Telegraphers Code!  
> >  
> We are handicapped by learning the radio code first. we are listening  
> for a tone whose duration is the make and break of a key. it is  
> a real paradigm shift to HELO uro  
MAIL From: <boatanchors@theporch.com>  
RCPT To: <dma@islandnet.com>  
RCPT To: <markem@primenet.com>  
RCPT To: <nx7u@primenet.com>  
RCPT To: <ah0w@primenet.com>  
RCPT To: <c\_sieg@conknet.com>  
RCPT To: <nmczewen@metronet.com>  
RCPT To: <jspencer@metronet.com>  
RCPT To: <willard.turner@tnlhub.esnet.com>  
RCPT To: <davidh@getnet.com>  
RCPT To: <tom\_taylor@taligent.com>  
RCPT To: <jim\_wilson-ejw012@email.mot.com>  
RCPT To: <frank\_scutch-efs003@email.mot.com>  
RCPT To: <john\_martin-ejm028@email.mot.com>  
RCPT To: <scott\_johnson-azax60@email3.sps.mot.com>  
RCPT To: <zoom@willow.sps.mot.com>  
RCPT To: <w7ni@teleport.com>  
RCPT To: <bbiboux@teleport.com>  
RCPT To: <knudsen@hades.ih.att.com>  
RCPT To: <cooper@gmpvt.com>  
RCPT To: <n4lq@iglou.com>  
RCPT To: <mcraw@cv-sea.cv.com>  
RCPT To: <pferrand@leotech.mv.com>  
RCPT To: <joe@accessnv.com>  
RCPT To: <edd@vfl.paramax.com>  
RCPT To: <andrews@telemax.com>  
RCPT To: <michael.moore@24stex.com>  
RCPT To: <martins@sytex.com>  
RCPT To: <cgoould@netrix.com>

RCPT To: <jproc@worldlinx.com>  
RCPT To: <schroeder.wbst207v@xerox.com>  
RCPT To: <michaelk@kentrox.com>  
RCPT To: <dws@ssd.ray.com>  
RCPT To: <pgwh83a@mail.prodigy.com>  
RCPT To: <rwilcox@newton.cacky.com>  
RCPT To: <bill@cruz.com>  
RCPT To: <cutter.mco.edu!kid%milo>  
RCPT To: <maeba@pas\_b.ti.kshosen.ac.jp>  
RCPT To: <sifakis@isoft.intranet.gr>  
RCPT To: <cole@loretta.la.ca.us>  
RCPT To: <driver8@red-eft.la.ca.us>  
RCPT To: <hbe@red-eft.la.ca.us>  
RCPT To: <gcarter@libris.public.lib.ga.us>  
RCPT To: <durham@w2xo.pgh.pa.us>  
RCPT To: <spindob@water.ci.seattle.wa.us>  
RCPT To: <afpgreg@gatekeeper.ddp.state.me.us>  
RCPT To: <mirage!pamars@redpoll.mrfs.oh.us>  
RCPT To: <smccarth@macomb.lib.mi.us>  
RCPT To: <fmitch@maf.mobile.al.us>  
RCPT To: <bbrown@harper.cc.il.us>  
RCPT To: <fgilmore@ozarks.sgcl.lib.mo.us>  
RCPT To: <caratzas@cloud9.net>  
RCPT To: <tim@america.net>  
RCPT To: <bstrang@iac.net>  
RCPT To: <rdufosse@tiac.net>  
RCPT To: <wolfster@tiac.net>  
RCPT To: <ima!rherndon@villa.fc.net>  
RCPT To: <bsohne@pfmc.net>  
RCPT To: <tube@ham.island.net>  
RCPT To: <bruce@shore.net>  
RCPT To: <dr@cei.net>  
RCPT To: <tcltd@infi.net>  
RCPT To: <jlb@earthlink.net>  
RCPT To: <swheaton@tyrell.net>  
RCPT To: <jrovero@q.continuum.net>  
RCPT To: <neal.griggs@rodent.isdn.net>  
RCPT To: <alster@micron.net>  
RCPT To: <bcutter@teal.csn.net>  
RCPT To: <dickgray@csn.net>  
RCPT To: <johnmb@nando.net>  
RCPT To: <bbell@inforamp.net>  
RCPT To: <brw@frontier.net>  
RCPT To: <gregp@galileo.mis.net>  
RCPT To: <scotty@genesis.net>  
RCPT To: <rblank@legend.txdirect.net>  
RCPT To: <skorzep@magicnet.net>  
RCPT To: <cunliffe@mail.eznet.net>

RCPT To: <kanga@brutus.bright.net>  
RCPT To: <kwilson@server.iadfw.net>  
RCPT To: <earwax@th.indy.net>  
RCPT To: <rbarmore@indy.net>  
RCPT To: <notes.compuserve.com!boatanchors\_mailing\_list>  
RCPT To: <dave@esi.com.au>  
RCPT To: <ddavidso@metz.une.edu.au>  
RCPT To: <morriso@brain.vifp.monash.edu.au>  
RCPT To: <jvb7u@virginia.edu>  
RCPT To: <aculbert@pps1-po.phyp.uiowa.edu>  
RCPT To: <rerobins@mosaic.uncc.edu>  
RCPT To: <ad184@rgfn.epcc.edu>  
RCPT To: <klittle@linux1.kumc.edu>  
RCPT To: <cheech@med.unc.edu>  
RCPT To: <nick@cs.unc.edu>  
RCPT To: <terry.murphy@lambada.oit.unc.edu>  
RCPT To: <haynes@cats.ucsc.edu>  
RCPT To: <beyer@eceserv0.ece.wisc.edu>  
RCPT To: <tom.a.adams@mail.admin.wisc.edu>  
RCPT To: <hawley@aries.scs.uiuc.edu>  
RCPT To: <agrrier@reed.edu>  
RCPT To: <ahall@umassmed.ummed.edu>  
RCPT To: <dgnova@glue.umd.edu>  
RCPT To: <bsheck@nimue.hood.edu>

DATA

Message-Id: <9509141409.AA25886@syseng1.se.melpar.esys.com>  
Errors-To: listown@jackatak.theporch.com  
Reply-To: pbock@melpar.esys.com  
Originator: boatanchors@theporch.com  
Sender: boatanchors@theporch.com  
Precedence: bulk  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Drake trivia  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
X-Mailer: SCO Portfolio 2.0

OK Drake Freaks (Freqs?), here's a trivia question:

What settings can be used on an R-4/4A/4B to receive WWV  
\*without\* using any accessory crystal?

73,

Paul, K4MSG

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: Duncan Cadd <dcadd@luc.ac.be>  
Subject: space charge regen  
Message-ID: <9509140724.AA24262@alpha.luc.ac.be>

Greetings, Anchorites, from a bright and sunny Diepenbeek in N.E. Belgium!

I'd like to pick the brains of the regen rx experts on this list. I've recently got a copy of the official '1934 Short Wave Manual' reprinted by Lindsay Publications (BTW they have some excellent stuff on 20s and 30s radio) and therein I see some ingenious regen rx circuits in which the grid of a tetrode or maybe pentode is made a few volts positive to the cathode via a one meg or so grid leak, and the signal applied to g2. Does this have any advantages/disadvantages, and is it specific to certain old tube types or is it likely to work just as well with 'modern' bottles like 3V4 (battery beam tetrode) for example ? I've occasionally come across references to 'space charge' type tubes and was wondering if a particular type was needed for this trick.

73,

Duncan ON9CHU / G0UTY G-QRP 8117

From boatanchors@theporch.com Thu Sep 14 23:37:00 1995  
From: Andrew Dumas <adumas1@ix.netcom.com>  
Subject: TV-3, 7, 10 tube tester settings  
Message-ID: <199509141204.FAA20871@ix7.ix.netcom.com>

Hi guys and lady,

My settings listings don't list a 6CW5. Anyone know what the settings should be on a TV-3B/U, TV-7 or TV-10? I thought I had the latest list, but maybe I don't...8-)

73  
Andrew Dumas  
N1TGC  
adumas1@ix.netcom.com